Examiner

Signature

	for Form 1449A as many sheets as		odraed)	Attorney Docket No.: 4688.P015	Application Number 2002  99/665,367  9Chnology Content 210  Date of Publication Pages,				
13 Va.	0/0			First Named Inventor: Kikinis					
				Filing Date: 09/19/2000	Sy Con VOZ				
Tag.	動ら		11	S. PATENT DOCUMENTS		***************************************	THE !	210	
xan Cit		Patent Docum		Name of Patentee or Applicant		Date of Publication	Pages	X	
ixali Cit	Number		nd Code² If known)	of Cited Document		of Cited Document MM-DD-YYYY	Columu Lines, W. Releva Passage Releva Figure Appea	here nt s or nt es	
TH	5,414,77	73		Handelman		05-09-1995	Аррег		
151	5,479,20			Young et al.		12-26-1995			
	5,532,75			Young et al.		07-02-1996	<del> </del>		
	5,737,02			Bertram et al.		04-07-1998			
	5,751,28	82		Girard et al.		05-12-1998			
	5,818,44	41		Throckmorton et al.		10-06-1998	1		
	5,841,50	63		Effenberger		11-24-1998			
	5,900,9	15		Morrison	4	05-04-1999	4,900,51	··	
	5,926,10	68		Fan		07-20-1999	,5 .5, 65	<u>:</u> :	
	5,956,4	56		Bang et al.	.11	09-21-1999	936,3%	<u>:</u> ;	
	5,999,10	67		Marsh et al.		12-07-1999	1.099 10	,	
	6,029,19	95		Herz	i.	02-22-2000	1.029.17	•	
	6,075,57	75		Schein et al.		06-13-2000	4.035.57	·.	
	6,167,18	88		Young et al.	5.	12-26-2000	1,167 (8	`	
	6,205,48	85	B1	Kikinis	4	03-20-2001	4,205,48		
	6,233,38	89	B1	Barton et al.		05-15-2001			
	6,271,83	31	B1	Escobosa et al.		08-07-2001			
•									
	-		FOI	REIGN PATENT DOCUMENTS					
Exam. Cit Initial* No	1			Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т	
TH		01149	A1	NDS Limited	-	01-06-2000			
TH	JP 410	093880	Α	KOMI, et al.		04-10-1998			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Tadesse Hailm

**Date Considered** 

7-11-02

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

List of Patents and Publications Statement (Use several sheets if necessary)  REFERENCE DESIGNATION  REFERENCE DES	F rm PT	<b>O-1449</b> (Mo		πy Dock			S rial N .: (	09/66/4,367	<del></del>	~,	
Class several sheets if necessary)   Class   Class   Filling Date: 09/18/00	ist of Pat	ente and Pi			15						
Examiner initials    Document No.   Document No.   Document No.   Document No.   Document No.   Document No.   Date   Class   Sub- Filing date if approprial initials	(Use several sheets if necessary)				١						
Document No.   Document No.   MATCH & RETURN   Class   Sub- Class   Filing date   ff appropriat			DEC 0	3 5001 5	3		Filing Date:	09/18/00			
Document No.   Document No.   MATCH & RETURN   Class   Sub- Class   Filing date   ff appropriat	REFEREN	ICE DESIG	NATION	ADEMARKO	U.S. F	ATENT DO	CUMENTS				
TH	Examiner		Document	· NIA	ATCH & RETURN Class					Filing date if appropriate	
Tit		AA	5,808,613		Marrir	ı, et al.		345	850	+	
Tt  AD   5,724,492   Matthews III, et al.   345   479     Tt  AE   5,977,964   Williams, et al.   345   RECEIVED     Tt  AF   5,485,197   Hoarty   7,25   3,7     AG   AH					Sugiya	ama, et al.			717		
THE AE 5,977,964 Williams, et al. 349 TECT VED  THE AF 5,485,197 Hoarty 7,2.5 3.7 2,001  AI AI Technology Center 2600  AJ AK AL AM AN AO AN AO AP AQ AR FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)  AS AT AU AV AX								345			
AG A							i.	345	419		
AG AG AL AL AL AN AN AQ AR BOOLING AG					_			342	HEEE	NE	<b>D</b>
AH AI AI AI AI AI AI AI AI AK AK AK AK AN AN AO AP AQ AR BOOL			5,485,197		Hoarty			725	37	<u> </u>	-
AI Technology Center 2600  AJ AK  AL AL  AM AN  AO AP  AQ AR  FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AY  AZ  Examiner Touth date  Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			<del></del>		├──			<u> </u>	PEC 0 6	1200	1
AJ  AK  AL  AM  AN  AO  AP  AQ  AR  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AW  AW  AY  AY  AY  AY  AY  AY  AZ  Cxaminer  Translation  Date Considered  7-11-02  XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line					┼──			Tos			
AK AL AL AM AN AN AO AO AP AQ AR FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS AT AV AV AW AX AY AY AZ CXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			<del> </del>		<del> </del>			lec	Huologa Co	anter:	<del>2600</del> —
AL AM AM AN AN AO AP AQ AR FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS AT AU AV AW AW AX AY AY AZ Carminer Tourn Bate Considered	<del></del>				<del> </del>					┼─	
AM AN AO AO AP AQ AR FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TOTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS AT AU AV AV AX AY AX AY AZ Date Considered  Camminer Au Date Considered  Tother Art Date Considered					<del>                                     </del>				<del> </del>	+	
AQ AR FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS AT AU AV AW AX AY AZ  Cxarniner  Talm than Date Considered 7-11-02  XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			1		<u> </u>	<del></del>			+	+	
FOREIGN PATENT DOCUMENTS  To. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Cxarniner  Tourn Hade  Date Considered  7-11-02  XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			<u> </u>		<u> </u>				+	<del>                                     </del>	
FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Examiner Todan Hale  Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line									<del>                                     </del>	<del>                                     </del>	
FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AY  AZ  Examiner Talan Ham  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AP							† <u> </u>	†	
FOREIGN PATENT DOCUMENTS  No. Document No. Date Country Class Sub-Class Translation  OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Examiner  Talm Hae  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AQ	T								
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Examiner  Talm Hala  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AR							<u> </u>		
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Examiner  Talm Hale  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line	- Inc.			FOF	REIGN	PATENT D	OCUMENTS				<del></del>
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)  AS  AT  AU  AV  AW  AX  AY  AZ  Examiner  Trainer trainer trainer  Trainer trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Trainer trainer  Tra	10.	Docu	Document No.		Date Country			Class	Sub-(		
AS  AT  AU  AV  AW  AW  AX  AY  AZ  Examiner Traum Hain Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line				<del> </del>							lation
AS  AT  AU  AV  AW  AW  AX  AY  AZ  Examiner Traum Hain Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line				<del>                                     </del>				+			<del>                                     </del>
AT  AU  AV  AW  AX  AY  AZ  Examiner  Traum Hara  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			OTHER AF	₹T (Includ	ling Au	thor, Title,	Date, Pertiner	nt Pages, e	etc.)		<u> </u>
AT  AU  AV  AW  AX  AY  AZ  Examiner  Traum Hara  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AS									
AU AV AW AX AY AZ Examiner  Traum Hain  Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AT									
AV AW AX AY AZ Examiner Trausa data  Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line	**						<u></u>		-		<del></del>
AW AX AY AZ  Examiner Traum dain Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line							<del></del>				
AX AY AZ  Examiner Traum Hain Date Considered 7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line							<del></del>				
AY  AZ  Examiner  Traum Hain  Date Considered  7-11-02  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line			·				—— <del>-</del>				
Date Considered  7-11-02  XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line											
(Adust Haren 7-11-02 XAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line		AZ									
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line arough citation if not in conformance and not considered. Include copy of this form with next communication to			Harle		ľ						
	XAMINE	R: Initial if r	eference con	sidered, w	hether	or not citation	on is in conform	nance with	MPEP 609	3; Dra	w line

F rm PT	<b>O-1449</b> (Mo	dified)	ky D cke 4688.P01	OVER )	Serial N .:	665,367			
	•	00 blications Sta	takani		Amplicant	Don Kikinin		•	·
	ral sheets if			1 8 2001	Applicant:	Dan Kikinis			
		,,	AL AL	ं वर्षा य	Filing Dat	: 09/19/00			·
· · · · · · · · · · · · · · · · · · ·		<del></del>	TO SERVICE	WOOD CENT					<del></del>
REFEREN	ICE DESIGI	NOITAN		W.S. PATENT D	OCUMENTS				
Examiner nitials		Document	No.			Class	Sub- Class		g date propriate
TH	AA	5,243,418		Kuno, et al.		348	155	<del>                                     </del>	
TH	AB	5,999,187		Dehmlow, et al.		345	155 420		
74	AC	6,243,039		Elliot		345	457		
TH TH	AD	6,061,055		Marks		382	276		
<u> </u>	AE	6,081,271		Bardon, et al.		345	419	ļ	
7#	AF	5,704,837		lwasaki, et al.		463	38		
	AG AH	<del></del>				<del> </del>			
	Al	<del>                                     </del>		<del></del>		<del>⊢ R</del> f	CEIV		
<del></del> -	AJ	-				116	-OLIVI	<del>I</del> U	
	AK					100	2 3 21	204	
	AL					1	1 & J /1	Ш	
****	AM					Techno	99y Cente	1040	
	AN					10011110	ARA COLIFE	270	9——
	AO								
	AP								
-	AQ								
<del></del>	AR								
			FOR	EIGN PATENT I	DOCUMENTS				
No.	Docur	Document No.		Country	Country		Sub-	Sub-Class	
									lation
	<u> </u>	OTHER AS	T (Includ	ing Author, Title	Data Partina	nt Bares 4			
	<del> </del>	OTTIEN AI	- Incida		, Date, Pertine	ant Pages, t	:.c.)		
	AS								
	AT				· · · ·				
	AU								
	AV			·					
	AW					· <del>- · . · · · · · · · · · · · · · · · · · </del>			
	AX								
	AY								
	AZ		-						
	Thu	Harl		Date Considered	7-11-	D2 -			
Examiner	LAUSOC	- 440	<b>'</b> !						
XAMINE	R: Initial if re	eference con	sidered, w	hether or not cita considered. Incl	tion is in confo	mance with	MPEP 60	9; Dra	w line

. .